

REMARKS

Claim 1 talks about a way of putting data into asynchronous transfer mode adaptation layer packets without copying the voice data received from a time division multiplexed stream. Thus, the data is switched from a time division multiplexed stream to an asynchronous transfer mode adaptation layer packet without copying the data.

The office action notes that the cited reference to Manchester does not do this.

To fill this void, the reference to Row is cited. But the reference to Row is concerned with transferring data from one processor to another. It does not suggest anything about how to convert from time multiplexed data to asynchronous transfer mode adaptation layer packets. One could not do this by writing directly from one processor to a command FIFO in a receiving processor. Row teaches a way to transfer data between processors by having the sending processor write the data directly into a command FIFO in the receiving processor. He teaches nothing about how to transfer information in time division multiplexed format to asynchronous transfer mode adaptation layer packets. He does not suggest transferring the data without copying from one format to a packet in another format.

In other words, the reference to Row has nothing to do with how you transfer the data formats or to fill in a frame. He does not teach any solution to the problem and his solution would not work in the claimed environment.

Thus, the combination of two references would not teach one skilled in the art anything absent the benefit of hindsight reasoning. For example, one faced with the problem of transferring formats would simply do it the Manchester way and would have no reason to appreciate that advantages could be achieved by making the transfer without copying. The fact that the cited reference to Row teaches transferring commands from one processor to another would not appear to be relevant to the issue of transferring between packet formats. Nor would the solution proposed by Row be applicable to the claimed environment.


Therefore, because Manchester appreciates no problem with his technique and Row has no bearing on the environment of transferring between time multiplexed frames and asynchronous transfer mode adaptation layer packets, it is too much of a leap to suggest that one skilled in the art would somehow analogize the two things and come up with a solution to a problem which was never even appreciated in the relevant prior art to Manchester.

Nor is there any appreciation of a relevant problem in Row. He simply has the situation where one processor can directly access registers in another processor. But that does not suggest to one skilled in the art that data could be transferred from one format to another format without copying.

Therefore, reconsideration of the rejections is respectfully requested.

Respectfully submitted,

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